

# Ceiling Cassette Air Conditioning Units



The Comfort ceiling mounted cassette units offer an excellent solution where wall and floor space is at a premium. With a super thin design and fitting into the most limited of ceiling space the Comfort units are quiet, unobtrusive and will efficiently fulfil both heating and cooling requirements.

The vertical directional adjustment of the louvre allows for a wide range of airflow throughout the room. This enables optimal coverage to be achieved with a minimal number of cassette units even in the most unconventional of room shapes.

## Features

- 4-way air distribution with auto air swing
- Fresh air function.
- Compact model enables easy installation and maintenance.
- Detachable & washable air intake grille.
- Optional auto-restart & low ambient function.
- Hand held remote control.
- Heating and cooling function.



## System Capacity

Model	Cooling BTU	Heating BTU
MCA-24	24000	28000
MCA-48	48000	53000



## Technical Specification

Model	MCA-24	MCA-48
Control	hand held remote	hand held remote
Performance kW		
cooling	7	14
heating	8	15.5
Run current (amps)		
cooling	13.8	9.6
heating	13	10.1
MCB (motor rated)	20	16
Phase	1	3
Supply To	indoor	indoor
Wiring		
mains to indoor	3 Core 2.5mm	5 Core 2.5mm
mains indoor to outdoor	N/A	5 Core 2.5mm
interconnecting	6 Core 2.5mm	4 Core 1mm
sensor	3 Core 0.75mm	3 Core 0.75mm
Pipe size (inch)		
gas	5/8"	3/4"
liquid	3/8"	1/2"
Pipe length max (m)	30	30
Unit height max (m)	20	20
Indoor unit air flow m3/min	17.5	29.2
Std. charge (m) (grams)	8m 2500g	8m 4050g
Add charge (m) (grams)	65	65
Unit dimensions WxHxD mm		
panel	950x 40x950	950x 40x950
indoor	840x240x840	840x240x840
outdoor	895x860x330	940x1245x360
Weight (kg)		
panel	6	6
indoor	36	40
outdoor	74	112
Sound levels db(A)		
indoor	40	44
outdoor	52	57

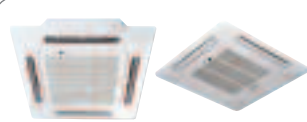


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# Complete Comfort Range of Air Conditioning Units



Infra Red Remote Control  
All fixed units



## Ceiling Cassettes



## Ceiling & Floor



Model	MCA-12	MCA-18	MCA-24	MCA-48	MUA-24
Control	Hand held remote	Hand held remote	Hand held remote	Hand held remote	Hand held remote
Performance kW					
cooling	3.5	4.4	7	14	7.0
heating	4.4	6	8	15.5	8.7
Run current (amps)					
cooling	6.4	9.8	13.8	9.6	13.8
heating	6	10.5	13	10.1	13
MCB (motor rated)	10	16	20	16	20
Phase	1	1	1	3	1
Supply to	indoor	indoor	indoor	indoor	indoor
Wiring					
mains to indoor	3 Core 1.5mm	3 Core 2.5mm	3 Core 2.5mm	5 Core 2.5mm	3 Core 2.5mm
mains indoor to outdoor	N/A	N/A	N/A	5 Core 2.5mm	N/A
interconnecting	5 Core 1.5mm	5 Core 2.5mm	6 Core 2.5mm	4 Core 1mm	5 Core 2.5mm
sensor	2 Core 0.75mm	2 Core 0.75mm	3 Core 0.75mm	3 Core 0.75mm	3 Core 0.75mm
Pipe size (inch)					
gas	1/2"	1/2"	5/8"	3/4"	5/8"
liquid	1/4"	1/4"	3/8"	1/2"	3/8"
Pipe length max (m)	30	30	30	30	30
Unit height max (m)	20	20	20	20	10
Indoor unit air flow m3/min	11.3	14.3	17.5	29.2	16.6
Std. charge (m) (grams)	8m 1330g	8m 2000g	8m 2500g	8m 4050g	8m 2500g
Add charge (m) (grams)	30	30	65	65	65
Unit dimensions WxHxD mm					
panel	650x30x650	650x30x650	950x 40x950	950x 40x950	-
indoor	580x254x580	580x254x580	840x240x840	840x240x840	1200x600x220
outdoor	760x590x285	845x695x335	895x860x330	940x1245x360	895x860x330
Weight (kg)					
panel	3	3	6	6	-
indoor	21	21	36	40	32
outdoor	41.5	55	74	112	74
Sound levels db(A)					
indoor	35	40	40	44	40
outdoor	42	48	52	57	52



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All fixed units



## Wall Mount



## Portable



Model	MSG-12	MSG-18	MSG-24	MSG-30	MPK-12
Control	Hand held remote	Hand held remote	Hand held remote	Hand held remote	-
Performance kW					
cooling	3.5	5.3	7.0	8.2	3.5
heating	4.0	6.2	7.9	9.1	1.7
Run current (amps)					
cooling	5.8	9.0	12.5	15	5.9
heating	6.0	9.8	12.5	15	7.4
MCB (motor rated)	10	16	20	20	-
Phase	1	1	1	1	-
Supply to	indoor	indoor	indoor	indoor	indoor
Wiring					
mains to indoor	3 Core 1.5mm	3 Core 2.5mm	3 Core 2.5mm	3 Core 2.5mm	3 Core 2.5mm
mains indoor to outdoor	-	-	-	-	-
interconnecting	5 Core 1.5mm	5 Core 2.5mm	6 Core 2.5mm	6 Core 2.5mm	-
sensor	-	2 Core 0.75mm	2 Core 0.75mm	2 Core 0.75mm	-
Pipe size (inch)					
gas	1/2"	1/2"	5/8"	5/8"	-
liquid	1/4"	1/4"	3/8"	3/8"	-
Pipe length max (m)	10	10	10	10	-
Unit height max (m)	5	5	5	5	-
Indoor unit air flow m3/min	10	13.5	17.5	19.2	6
Std. charge (m) (grams)	5m 730g	5m 2100g	5m 2220g	5m 2220g	510g
Add charge (m) (grams)	30	30	30	30	-
Unit dimensions WxHxD mm					
panel	-	-	-	-	-
indoor	815x280x195	906x286x235	1080x330x222	1080x330x222	460x840x325
outdoor	780x540x250	760x590x260	845x695x335	845x695x335	-
Weight (kg)					
panel	-	-	-	-	-
indoor	10.5	13.5	17	17	36
outdoor	36	44	62	64	-
Sound levels db(A)					
indoor (hi/mid/low)	36/32/29	41/37/35	43/40/37	45/42/39	52
outdoor	50	53	55	57	-
Tank volume (litres)	-	-	-	-	4
Exhaust hose					
length (mm)	-	-	-	-	2100
diameter (mm)	-	-	-	-	130